

C-TERMINAL p53 PALINDROMIC PEPTIDE THAT INDUCES APOPTOSIS OF  
CELLS WITH ABERRANT p53 AND USES THEREOF

ABSTRACT OF THE DISCLOSURE

Disclosed are polypeptides comprising a first segment of continuous amino acids having the sequence AQAGKEPGGSRAHSSHLKSKKGQSTSRHKKLMFKTEGPDSD (SEQ ID NO. 1) covalently linked to a second segment of continuous amino acids having the sequence DSDPGETKFMLKKHRSTSQGKKSKLHSSHARSGGPEKGAQA (SEQ ID NO. 2), or at least two of each covalently linked to each other. The polypeptides are shown to induce apoptosis of cancer cells that contain mutant p53 or over-expressed wild-type p53.